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Datasheet for ABIN7538412

TRKB Protein (AA 32-430) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	TRKB (NTRK2)
Protein Characteristics:	AA 32-430
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRKB protein is labelled with His tag.

Product Details

Purpose:	Recombinant human NTRK2 Protein with C-terminal 6xHis tag
Specificity:	NTRK2 (Cys32-His430) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TRKB (NTRK2)
Alternative Name:	NTRK2 (NTRK2 Products)
Background:	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This

Target Details

kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Molecular Weight: predicted molecular mass of 45.0 kDa after removal of the signal peptide. The apparent molecular mass of NTRK2-His is 55-100 kDa due to glycosylation.

UniProt: [Q16620](#)

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#), [Skeletal Muscle Fiber Development](#), [Feeding Behaviour](#), [Dicarboxylic Acid Transport](#)

Application Details

Restrictions: For Research Use only

Handling

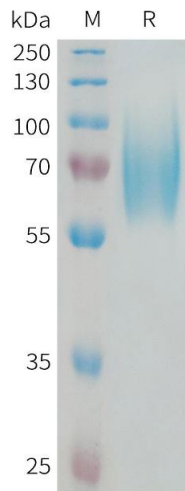
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human N Protein, His Tag on SDS-PAGE under reducing condition.